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RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/524,531C

Input Set : A:\Revised SEQ LIST IMHOF.txt  
Output Set: N:\CRF3\08072002\I524531C.raw

3 <110> APPLICANT: IMHOF, BEAT ALBET  
4 AURRAND-LIONS, MICHEL  
6 <120> TITLE OF INVENTION: VASCULAR ADHESION MOLECULES AND MODULATION OF THEIR  
7 FUNCTION  
9 <130> FILE REFERENCE: 11422/0264679  
11 <140> CURRENT APPLICATION NUMBER: 09/524,531C  
12 <141> CURRENT FILING DATE: 2000-03-13  
14 <150> PRIOR APPLICATION NUMBER: EP 99.200746.8  
15 <151> PRIOR FILING DATE: 1999-03-11  
17 <160> NUMBER OF SEQ ID NOS: 22  
19 <170> SOFTWARE: PatentIn Ver. 2.1  
21 <210> SEQ ID NO: 1  
22 <211> LENGTH: 20  
23 <212> TYPE: DNA  
24 <213> ORGANISM: Artificial Sequence  
26 <220> FEATURE:  
27 <223> OTHER INFORMATION: Description of Artificial Sequence: primer  
29 <220> FEATURE:  
30 <221> NAME/KEY: modified\_base  
31 <222> LOCATION: (6) /  
32 <223> OTHER INFORMATION: a, t, c, g, other or unknown  
34 <220> FEATURE:  
35 <221> NAME/KEY: modified\_base  
36 <222> LOCATION: (10)..(12) /  
37 <223> OTHER INFORMATION: a, t, c, g, other or unknown  
39 <400> SEQUENCE: 1  
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43 <210> SEQ ID NO: 2  
44 <211> LENGTH: 20  
45 <212> TYPE: DNA  
46 <213> ORGANISM: Artificial Sequence  
48 <220> FEATURE:  
49 <223> OTHER INFORMATION: Description of Artificial Sequence: primer  
51 <220> FEATURE:  
52 <221> NAME/KEY: modified\_base  
53 <222> LOCATION: (10)..(12)  
54 <223> OTHER INFORMATION: a, t, c, g, other or unknown  
56 <400> SEQUENCE: 2  
57 taycrgtgyn nngcytcyaa 20  
60 <210> SEQ ID NO: 3  
61 <211> LENGTH: 20  
62 <212> TYPE: DNA  
63 <213> ORGANISM: Artificial Sequence

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65 <220> FEATURE:  
 66 <223> OTHER INFORMATION: Description of Artificial Sequence: primer  
 68 <220> FEATURE:  
 69 <221> NAME/KEY: modified\_base  
 70 <222> LOCATION: (10)..(12)  
 71 <223> OTHER INFORMATION: a, t, c, g, other or unknown  
 73 <400> SEQUENCE: 3  
 74 taytaytgyn nngcytcyaa 20  
 77 <210> SEQ ID NO: 4  
 78 <211> LENGTH: 18  
 79 <212> TYPE: DNA  
 80 <213> ORGANISM: Artificial Sequence  
 82 <220> FEATURE:  
 83 <223> OTHER INFORMATION: Description of Artificial Sequence: primer  
 85 <400> SEQUENCE: 4 18  
 86 gaggtacttg catgtgct  
 89 <210> SEQ ID NO: 5  
 90 <211> LENGTH: 19  
 91 <212> TYPE: DNA  
 92 <213> ORGANISM: Artificial Sequence  
 94 <220> FEATURE:  
 95 <223> OTHER INFORMATION: Description of Artificial Sequence: primer  
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 98 cgacaggtgt cagataaca  
 101 <210> SEQ ID NO: 6  
 102 <211> LENGTH: 16  
 103 <212> TYPE: DNA  
 104 <213> ORGANISM: Artificial Sequence  
 106 <220> FEATURE:  
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 110 caccctccctc actcgct  
 113 <210> SEQ ID NO: 7  
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 115 <212> TYPE: DNA  
 116 <213> ORGANISM: Artificial Sequence  
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 119 <223> OTHER INFORMATION: Description of Artificial Sequence: primer used  
 120 for detection of JAM-2 transcript  
 122 <400> SEQUENCE: 7 18  
 123 gactcacaga caagtgac  
 126 <210> SEQ ID NO: 8  
 127 <211> LENGTH: 16  
 128 <212> TYPE: DNA  
 129 <213> ORGANISM: Artificial Sequence  
 131 <220> FEATURE:  
 132 <223> OTHER INFORMATION: Description of Artificial Sequence: primer used  
 133 for detection JAM-2 transcript  
 135 <400> SEQUENCE: 8

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Input Set : A:\Revised SEQ LIST IMHOF.txt  
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136 cacccttcctc actcg 16  
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 141 <212> TYPE: DNA  
 142 <213> ORGANISM: Artificial Sequence  
 144 <220> FEATURE:  
 145 <223> OTHER INFORMATION: Description of Artificial Sequence: primer for  
 146 Hprt cDNA  
 148 <400> SEQUENCE: 9  
 149 gttggataca ggccagactt tgg 25  
 152 <210> SEQ ID NO: 10  
 153 <211> LENGTH: 23  
 154 <212> TYPE: DNA  
 155 <213> ORGANISM: Artificial Sequence  
 157 <220> FEATURE:  
 158 <223> OTHER INFORMATION: Description of Artificial Sequence: primer for  
 159 Hprt cDNA  
 161 <400> SEQUENCE: 10  
 162 gagggtaggc tggcctatag gct 23  
 165 <210> SEQ ID NO: 11  
 166 <211> LENGTH: 1943  
 167 <212> TYPE: DNA  
 168 <213> ORGANISM: Mus musculus  
 170 <400> SEQUENCE: 11  
 171 cagacattcc ctcgacatg gcgctgagcc ggcgctgcg acttcgactg tacgcgcggc 60  
 172 tgcctgactt cttcctgctg ctgccttc aatccagcaa cccaaaccca gttgtacatg aattgaaag ttggaaatttgc 120  
 173 aatccagcaa cccaaaccca gttgtacatg aattgaaag ttggaaatttgc 180  
 174 ttacggactc acagacaagt gaccctaga ttgaatggaa gaaaatccaa gatggccaaa 240  
 175 ccacatatgt gtattttgac aacaagattc aaggagacct ggcaggtcgc acatgtgt 300  
 176 ttggaaaaac ttccctgagg atctggatg tgacacgatc ggattcagcc atctatcgct 360  
 177 gtgagggtcg tgcctaaat gaccgaaaag aagtgtatga gattaccatt gagttaatttgc 420  
 178 tgcgaatgtt ggcacttgcg ctttgcgtt gatccatgc gatccatgc 480  
 179 cggcaacact gcaatgttgcg ctttgcgtt gatccatgc 540  
 180 gcaatgtatgt ggcacttgcg acatgttgc gatccatgc 540  
 181 tccatgttgc ggcacttgcg ctttgcgtt gatccatgc 600  
 182 ggcacttgcg ctttgcgtt gatccatgc 660  
 183 tggaaatgttgc ggcacttgcg ctttgcgtt gatccatgc 720  
 184 ttccctgtgt gatccatgc ggcacttgcg ctttgcgtt gatccatgc 780  
 185 gtaaaacaaga tggagaaatgc tataagatgc ctttgcgtt gatccatgc 840  
 186 ggacgatgtt ggcacttgcg ctttgcgtt gatccatgc 900  
 187 ctggggatgtt ggcacttgcg ctttgcgtt gatccatgc 960  
 188 gagcttgcg ctttgcgtt gatccatgc 1020  
 189 ttccctgtgt ggcacttgcg ctttgcgtt gatccatgc 1080  
 190 atgttagacac tttttttttt gatccatgc 1140  
 191 ctttgcgtt ggcacttgcg ctttgcgtt gatccatgc 1200  
 192 tagcttgcgtt ggcacttgcg ctttgcgtt gatccatgc 1260  
 193 caacggccatgtt ggcacttgcg ctttgcgtt gatccatgc 1320  
 194 ggacccctgtt ggcacttgcg ctttgcgtt gatccatgc 1380  
 195 gaatgtgtttt ggcacttgcg ctttgcgtt gatccatgc 1440  
 196 gatccatgc 1500

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196 tgggaagagg gctctgaccc aggaaaactct cttcccaag agatgccagg agataggaga 1560  
 197 acctgtctgt cttaagtctg aatggtaact gaagtctct tttctatgg tcttgcttat 1620  
 198 ttataaaaaa tttaacattc taaattttgc tagagatgta ttttgattac tgaaaatttc 1680  
 199 tatataaaact gtaaatatat tgccatacag tgttcaaaa cgtatTTTT tataatgagt 1740  
 200 tcaacttaag gtagaaggct tgggctgcta gtgttaatt gaaaaatacc agtagtaaag 1800  
 201 tcttttaagg agttttctta aggaggctgg ctgaatattc ctttgtcaa aagaagttt 1860  
 202 agcatttttc ataagaaaac ttactctgtc tgaccactgt tgcttaggaa accattaaag 1920  
 203 aattccaatc taaaaaaaaaaa aaa 1943  
 206 <210> SEQ ID NO: 12  
 207 <211> LENGTH: 1631  
 208 <212> TYPE: DNA  
 209 <213> ORGANISM: Mus musculus  
 211 <400> SEQUENCE: 12  
 212 mramcagaa ttcggcacga gggctgggg gcggggggcc gacctacggg ttctccctca 60  
 213 agagctaattc tctgcggcca ctcgcttagg accctgcgga caccgcgtcc cgcgtccacg 120  
 214 ccctcccttc aaccctcttc cacccttcaa aagaaggact gtccagacac cacgtcctag 180  
 215 ggccagaaga cctgccccca cgacagtgcg tggagacacc ccagacggg gagactgaca 240  
 216 tcgggacagg acccggccct ctgcttccac ctctcaggaa cctcctctgc tccggcccg 300  
 217 ggccagaatgc tgggagaccc agccgcgtt cgcgtcctg cagggggacc ctcagctagg 360  
 218 cagccagctg gcgcggcggt agatggcgag gagccccaa ggcctctga tgctgctgt 420  
 219 getacactac ttgatcgctg ccctggacta tcataaggca aatgggtttt ctgcatcaaa 480  
 220 agaccaccgt caagaagtca cagaataga gttccaagag gctatTTTT cttgtaaaac 540  
 221 cccaaagaag actacctctt ccagactgga gtggagaag gtggacagg gggctccctt 600  
 222 ggtctactac caacaggctc tccaagggtt cttaaagac cgtgctgaga tgatagattt 660  
 223 caatatacga atcaaaaaatg ttacaagaag ttagtctgga gagtatcgct gtgaagtcag 720  
 224 cgctccgact gagcaaggcc agaacctgca ggaagataaa gtcatgctag aagtactagt 780  
 225 ggctcctgct gttcctgcct gtgaagtgcc cacttctgtt atgactggaa gtgtggtgaa 840  
 226 getacgatgc caggataaaag aaggaaaccc agctccggag tacatctgtt taaaagatgg 900  
 227 cacaagtttgc ttagggatc caaaaggccg cacacacaac aacagctcgat acacaaatga 960  
 228 acacgaatct ggaattctgc aattcaacat gattccaag atggacagtg gagagtatta 1020  
 229 ctgcgaagcc cggaaactctg tcggacaccg caggtgcctt gggaaacgaa tgcaagtata 1080  
 230 tttctcaac ataagccgca tcatacgcaac ggttgtggt gtggcctcg tgatttctgt 1140  
 231 atgtggcctt ggcacatgct atgctcagag gaaaggctac tttcaaaag aaacttcctt 1200  
 232 ccagaaggcc agtcctgcat ctaaagtcaac tacatgggc gaaaatgatt tcagggcacac 1260  
 233 aaaaatcctt ataattaaa agaattccag ttttggctg cccaaaacca gttgtcacat 1320  
 234 gttattaaaa tattttaaaa ctctgtgtt tacacttgca aagtgtatgaa gaaatatgaa 1380  
 235 aggggagttc atcagaagtt ttatgatctc taactcacaa gaaatattt aagcaaaaacg 1440  
 236 ttcttgccat cactaaattt caacctggca tcttgtttt acctaaagga aatgtctgtt 1500  
 237 aatattctgg ttttgaagg caaatgaatg tcagtttggaa gttgactata tcacactgac 1560  
 238 tgtaaggcta atccaagaag caagaatata aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 1620  
 239 aaaaaaaaaattt c 1631  
 242 <210> SEQ ID NO: 13  
 243 <211> LENGTH: 310  
 244 <212> TYPE: PRT  
 245 <213> ORGANISM: Mus musculus  
 247 <400> SEQUENCE: 13  
 248 Met Ala Leu Ser Arg Arg Leu Arg Leu Arg Leu Tyr Ala Arg Leu Pro  
 249 1 5 10 15  
 251 His Phe Phe Leu Leu Leu Phe Arg Gly Cys Met Ile Glu Ala Val

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252 20 25 30  
 254 Asn Leu Lys Ser Ser Asn Arg Asn Pro Val Val His Glu Phe Glu Ser  
 255 35 40 45  
 257 Val Glu Leu Ser Cys Ile Ile Thr His Ser Gln Thr Ser Asp Pro Arg  
 258 50 55 60  
 260 Ile Glu Trp Lys Lys Ile Gln Asp Gly Gln Thr Thr Tyr Val Tyr Phe  
 261 65 70 75 80  
 263 Asp Asn Lys Ile Gln Gly Asp Leu Ala Gly Arg Thr Asp Val Phe Gly  
 264 85 90 95  
 266 Lys Thr Ser Leu Arg Ile Trp Asn Val Thr Arg Ser Asp Ser Ala Ile  
 267 100 105 110  
 269 Tyr Arg Cys Glu Val Val Ala Leu Asn Asp Arg Lys Glu Val Asp Glu  
 270 115 120 125  
 272 Ile Thr Ile Glu Leu Ile Val Gln Val Lys Pro Val Thr Pro Val Cys  
 273 130 135 140  
 275 Arg Ile Pro Ala Ala Val Pro Val Gly Lys Thr Ala Thr Leu Gln Cys  
 276 145 150 155 160  
 278 Gln Glu Ser Glu Gly Tyr Pro Arg Pro His Tyr Ser Trp Tyr Arg Asn  
 279 165 170 175  
 281 Asp Val Pro Leu Pro Thr Asp Ser Arg Ala Asn Pro Arg Phe Gln Asn  
 282 180 185 190  
 284 Ser Ser Phe His Val Asn Ser Glu Thr Gly Thr Leu Val Phe Asn Ala  
 285 195 200 205  
 287 Val His Lys Asp Asp Ser Gly Gln Tyr Tyr Cys Ile Ala Ser Asn Asp  
 288 210 215 220  
 290 Ala Gly Ala Ala Arg Cys Glu Gly Gln Asp Met Glu Val Tyr Asp Leu  
 291 225 230 235 240  
 293 Asn Ile Ala Gly Ile Ile Gly Gly Val Leu Val Val Leu Ile Val Leu  
 294 245 250 255  
 296 Ala Val Ile Thr Met Gly Ile Cys Cys Ala Tyr Arg Arg Gly Cys Phe  
 297 260 265 270  
 299 Ile Ser Ser Lys Gln Asp Gly Glu Ser Tyr Lys Ser Pro Gly Lys His  
 300 275 280 285  
 302 Asp Gly Val Asn Tyr Ile Arg Thr Ser Glu Glu Gly Asp Phe Arg His  
 303 290 295 300  
 305 Lys Ser Ser Phe Val Ile  
 306 305 310  
 310 <210> SEQ ID NO: 14  
 311 <211> LENGTH: 298  
 312 <212> TYPE: PRT  
 313 <213> ORGANISM: Mus musculus  
 315 <400> SEQUENCE: 14  
 316 Met Ala Arg Ser Pro Gln Gly Leu Leu Met Leu Leu Leu His Tyr  
 317 1 5 10 15  
 319 Leu Ile Val Ala Leu Asp Tyr His Lys Ala Asn Gly Phe Ser Ala Ser  
 320 20 25 30  
 322 Lys Asp His Arg Gln Glu Val Thr Val Ile Glu Phe Gln Glu Ala Ile  
 323 35 40 45  
 325 Leu Ala Cys Lys Thr Pro Lys Lys Thr Thr Ser Ser Arg Leu Glu Trp

RAW SEQUENCE LISTING ERROR SUMMARY                    DATE: 08/07/2002  
PATENT APPLICATION: US/09/524,531C                    TIME: 10:00:00

Input Set : A:\Revised SEQ LIST IMHOF.txt  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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Seq#:2; N Pos. 10,11,12  
Seq#:3; N Pos. 10,11,12  
Seq#:18; Xaa Pos. 4  
Seq#:19; Xaa Pos. 4  
Seq#:20; Xaa Pos. 4  
Seq#:22; Xaa Pos. 2,4,8